

## ABSTRACT

A monoclonal antibody, and a cell line capable of producing the same, has been produced with the ability to detect the primary metabolites generated from the pyrolysis of smokeable, or "crack", cocaine. This monoclonal antibody, while being highly specific for anhydroecgonine methyl ester (AEME) and ecgonidine (ECD), does not cross-react at a significant level with the primary cocaine metabolites of powdered or injected cocaine. Also, crack cocaine conjugates capable of evoking an immune response in animals have been produced.